

Receiving Report

Date: 12/10/3
 Supplier: THYSON

Batch No: 17123217
 Dart P/O: 17969

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection ☒ N/A ☐
 Work Order 16 11/10/3 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

Production/Admin: 12/10/3
 Date
 Received/Costing
 Initial

Location

Purchase Order Receipt Listing

Page 1 of 1

Wednesday, October 03, 2012 7:08:26 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO17959 Receipt Dates from 10/3/2012 to 10/3/2012 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-COP001	Thyssenkrupp Materials CA Ltd								
PO17959	3		M2024T3S.040	sf	9/26/2012	10/3/2012	192.0000	\$4.28	0.0000	0	\$821.90
CAD	No		2024-T3 .040 sheet 123217	sf	192.0000	DESJ02		\$821.90	0.0000	0	
	4		M2024T3S.080	sf	10/3/2012	10/3/2012	192.0000	\$6.93	0.0000	0	\$1,330.37
	No		2024-T3 .080 sheet 123217	sf	192.0000	DESJ02		\$1,330.37	0.0000	0	
Total Received Quantity:										384.0000	
Total Qty to Inspect (PO U/M):										0.0000	
Total Reject Quantity:										0.0000	
Total Receipt Value:										\$2,152.26	
Total Balance Due Quantity:										0.0000	

3

B I L L O F L A D I N G

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

No: PEC 787590
Ship Date 27Sep12 at 14:51 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-492003- 1 Your PO # 17959
ALUMINUM SHEET 2024 -T3

MTR'S

.0400 Nom X 48.0000" X 144.0000"

Heat Number Tag No
183665 108276

Quantity PCS Wt LBS
192.00 SFT 4 111

2) Our Order PEC-492003- 2 Your PO # 17959
ALUMINUM SHEET 2024 -T3

.0800 Nom X 48.0000" X 144.0000"

Heat Number Tag No
717742 537429

Quantity PCS Wt LBS
192.00 SFT 4 221

TOTAL: Tags 2 PCS 8 LBS 332

ADD ON TO 491969 VIM /491972 SUR-CHARGE PAID

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 CUSH 1 SKID G.W 552 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***
**** TEL. 800-926-2600 ****

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

No: PEC 787590

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Ship Date 27Sep12 at 14:51 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

* WE STOCK STAINLESS STEEL *
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 2 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

C & B MATERIAL #: ALFR 01581

Corus Aluminium Walzprodukte GmbH
Postfach 100331 - D-56033 Koblenz

INSPECTION CERTIFICATE (EN 10204/3.1) / TEST REPORT / APPROVED CERTIFICATE

NO.: 1178149 SERIAL-NO.: PAGE: 1 / 03
 PURCHASER: CHARLESTON ALUMINIUM ORDER NO. PURCH.: 7679-01/4631-E-01
 TRADING CO. ORDER NO. MAN.: 90236
 GASTON, SC SPEC.: AMS4037+B209+Q0250/4
 CUSTOMER PART NO.:
 ITEM: 01 LOT: 183665 ALLOY/TEMPER: 2024-T3 BARE PRODUCT: COIL
 QUANTITY: 306 DIMENSIONS: 0.040 x 48.00 x 144.00 INS

RESULTS:

Mechanical properties:

Charleston Aluminum LLC
 480 Frontage Rd.
 Gaston, SC 29053

Stichproben

Pl. No.	Spec. No.	Y.S.	U.T.S.	E1.
		KSI	KSI	%
Min. LT:		42,0	63,0	15,0
Max. LT:				
1 A		44,7	66,0	19,6
2 A		44,3	65,7	18,3
3 A		44,7	65,8	18,8
4 A		44,4	66,0	20,3
5 A		44,8	65,6	18,4
6 A		44,7	66,3	18,4

Chemical composition: in % , remainder Al

Cast No.: 4-06-4951

Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	B
0,043	0,119	4,626	0,630	1,450	0,002	0,076	0,0228	0,0003
Zr	Pb	Ni	Sn	Se	Na	Li	V	H2 (*)
0,0017	0,0019	0,0032	0,0050	0,0000	0,0001	0,0000	0,0090	0,06
Al	Ti	Ti+Zr	Cu/Mg	Fe/Si				
		0,024	3,190					

(*) = H2 in ml/100 g AL

Other tests:

Dimensional check: OK
 Surface control: OK

Normative references:

LEGIERUNGSNORM/CHEMICAL COMPOSITION STANDARD/COMPOSITION CHIMIQUE
 AMS 4037N+ASTM B 209-04+AMS-QQ-A-280/4A SEP1998
 FESTIGKEITSNORM/MECH. PROP.STANDARD/CARACTERISTIQUE MECANIQUE
 AMS 4037N+ASTM B 209-04+AMS-QQ-A-280/4A SEP1998

Corus Aluminium Wetzprodukte GmbH
Postfach 100331 · D-56033 Koblenz



INSPECTION CERTIFICATE (EN 10204/3.1) / TEST REPORT / APPROVED CERTIFICATE

NO.: 1178149 SERIAL-NO.: PAGE: 1 / 03
PURCHASER: CHARLESTON ALUMINIUM ORDER NO. PURCH.: 7679-01/4631-E-01
TRADING CO. ORDER NO. MAN.: 90236
GASTON, SC SPEC.: AMS4037+B209+Q0250/4
CUSTOMER PART NO.:
ITEM: 01 LOT: 183885 ALLOY/TEMPER: 2024-T3 BARE PRODUCT: COIL
QUANTITY: 306 DIMENSIONS: 0.040 x 48.00 x 144.00 INS

RESULTS:

Mechanical properties:

Charleston Aluminum LLC
480 Frontage Rd.
Gaston, SC 29053

Pl. No.	Spec. No.	Y.S.	U.T.S.	El.
		KSI	KSI	%
Min. LT:		42,0	63,0	15,0
Max. LT:				
1 A		44,7	66,0	19,6
2 A		44,3	65,7	18,3
3 A		44,7	65,8	18,8
4 A		44,4	66,0	20,3
5 A		44,3	65,6	18,4
6 A		44,7	66,3	18,4

Chemical composition: in % , remainder Al

Cast No.: 4-06-4931

Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	B
0,043	0,119	4,626	0,630	1,450	0,002	0,076	0,0228	0,0003
Zr	Pb	Ni	Sn	Be	Na	Li	V	H2 (*)
0,0017	0,0019	0,0052	0,0050	0,0000	0,0001	0,0000	0,0090	0,06
Al	Tl	Ti+Zr	Cu/Mg	Fe/Si				
		0,024	3,190					

(*) = H2 in ml/100 g AL

Other tests:

Dimensional check: OK
Surface control: OK

Normative references:

LEGIERUNGSNORM/CHEMICAL COMPOSITION STANDARD/COMPOSITION CHIMIQUE
AMS 4037N+ASTM B 209-04+AMS-QQ-A-250/4A SEP1998
FESTIGKEITSNORM/MECH. PROP. STANDARD/CARACTERISTIQUE MECANIQUE
AMS 4037N+ASTM B 209-04+AMS-QQ-A-250/4A SEP1998

12/19/2006 10:11

CORUS ALUMINIUM

002/003

Corus Aluminium Walzprodukte GmbH
Postfach 100331 - D-56033 Koblenz



INSPECTION CERTIFICATE (EN 10204/3.1) / TEST REPORT / APPROVED CERTIFICATE

NO.: 1178149 SERIAL-NO.: PAGE: 2 / 03
PURCHASER: CHARLESTON ALUMINIUM ORDER NO. PURCH.: 7679-01/4631-B-01
TRADING CO. ORDER NO. MAN.: 90236
GASTON, SC SPEC.: AMS4037+B209+Q0250/4
CUSTOMER PART NO.:
ITEM: 01 LOT: 183665 ALLOY/TEMPER: 2024-T3 BARE PRODUCT: COIL
QUANTITY: 306 DIMENSIONS: 0.040 x 48.00 x 144.00 INS

ABMESSNORM/DIMENSIONAL TOLERANCE STAN./NORME TOLERANCES
AMS 2202N+ANSI H38.2 2008
BESTELLNORM/SPECIFICATION/NORME
AMS 4037N+ASTM B 209-04+AMS-QQ-A-250/4A SEP1998

Bend test:

L-direction

LT-direction OK

ST-direction

Charleston Aluminum LLC
480 Frontage Rd.
Gaston, SC 29053

CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4878 State Street Davenport, IA 52323

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

Per

Malcolm Murphy
Director of Manufacturing Davenport Works

Terrence Thom
Quality Assurance Manager

Page 1 of 2

Ship From: RIVERDALE, IA.

1307952	0			
Ship Date	B.L. No.	Invoice No.	Alcoa No.	Item
2011-11-07	6475671	00000	1000305977-1	DS-05977-02-1
P.O. No./Govt Contract No.	Customer	Alcoa Item		

Ship To:

Charleston Aluminum LLC
480 Frontage Rd
Gaston, SC 29056

Item Description

0.08 IN TK (+.0035 -.0035) X 48.0 IN W (+.125 -
-.125) X 144.0 IN LN (+.15625 -.15625) CAT X 05315 (N) A/T 2024-
T3 FLAT SHEET MILL FINISH (AMS-QQ-A-250/4
REV A IS 2010 EXC MRK AMS4037 REV N IS-2008
EXC MRK ASTM B209 REV 07 ((MARKED)) KRAFT PAPER
INTERLEAVED MAX
GROSS SKID WGT: 4750 LB QUAN TOL +/-20 %
CQR D126159 REV 29 CUST REQ 11-11-
07 *** W/E 11-11-12 ***

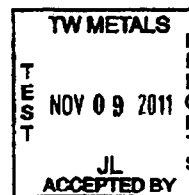
Num	Package Ticket	Lot	Weight	Quantity	UOM	Inspector Clock Numbers
1	340227	717741	790	14	PC	27695 47349
2	340227	717742	3221	57	PC	27695 47349
			4011	71		

Notes for CQR: D126159.29

PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/4 ALSO MEETS THE REQUIREMENTS OF QQ-A-250/4E, AMENDM ENT 2.
PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/4E AMENDMENT 2 ALSO MEETS THE REQUIREMENTS OF AMS -QQ-A-250/4.

CQR: D126159.29 -Specification Limits

Temp	Dir	UTS	TYS	EL4D
		KSI	KSI	PCT
T3	Long Transv.	Max		
		Min 63.0	42.0	15



James K Baber

From: Copper and Brass Sales
Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402072311
Part: PO: FEC# 242215
Wgt: 221.184 LB Date: 09/20/2012

CERTIFIED INSPECTION REPORT

Alcoa Inc

DAVENPORT WORKS 1000305977-1

We hereby certify that the material described herein was inspected when, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

Per

Malcolm Murphy
Director of Manufacturing, Davenport Works

Terrence Thom
Quality Assurance Manager

1307952 0 Ship From: RIVERDALE, IA.
Ship Date B.L. No. Invoice No. Alcoa No. Item
2011-11-07 6475671 00000 1000305977-1 DS-05977-02-1
P.O. No./Govt Contract No. Customer Alcoa Item

Page 2 of 2

CQR: D126159.29 -Specification Limits (cont.)

Chemical Composition		SI	FE	CU	MN	MG	CR	ZN	TI	Other	Other
		Max	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05
		Min			3.8	0.30	1.2				
Alloy	2024										
Lot:	717741										

- Mechanical, Physical, Metallography, Quantometer Results - REMAIN

Temp	Dir	No ->	UTS	TYS	EL&D
T3	Long Transv.	Test	KSI	KSI	PCT
		5	64.4	44.9	19
			64.1	45	18.5
			63.7	44.5	17.7
			64.3	44.8	18.4
			64.3	44.6	18.9

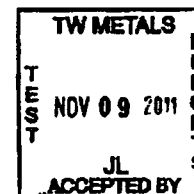
Cast Number		Chemical - OBS	SI	FE	CU	MN	MG	CR	ZN	TI
H9962033		Actuals	0.06	0.16	4.6	0.65	1.5	0.00	0.08	0.03
Lot: 717742										

- Mechanical, Physical, Metallography, Quantometer Results -

Temp	Dir	No ->	UTS	TYS	EL&D
T3	Long Transv.	Test	KSI	KSI	PCT
		5	64.5	44.1	18.8
			64.8	44.3	20
			64	43.5	19.2
			64.3	44.3	18.6
			64.3	44.6	

Cast Number		Chemical - OBS	SI	FE	CU	MN	MG	CR	ZN	TI
H9964015		Actuals	0.06	0.13	4.6	0.63	1.5	0.00	0.04	0.02

This material was melted in the United States or a Qualifying Country [REF DFARS 225.872.1(a)]; it was manufactured in the United States



From: Copper and Brass Sales
Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402072311
Part: PO: PEC# 242215
Wgt: 221.184 LB Date: 09/20/2012

James K. Baber



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17959

Purchase Order Date 9/20/12

PO Print Date 9/20/12

Page Number 1 of 2

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD

O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone 905 669 9444

Vendor Fax 905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

M123136

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
9/20/12

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M304S18GA	304/316 .050 Sheet	9/26/12 Yes	320.00 sf	Yours ppd	\$3.6056	\$1,153.80
Special Inst: MATERIAL: AISI 304/316 SS SHEET ANNEALED 2B FINISH AS MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240							
2	M304S16GA	304/316 Sheet .063	9/26/12 Yes	320.00 sf	Yours ppd	\$4.1250	\$1,320.00
Special Inst: MATERIAL: AISI 304/316 SS SHEET ANNEALED 2B FINISH AS MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240							
3	M2024T3S.0	2024-T3 .040 sheet	9/26/12 Yes	192.00 sf	Yours ppd	\$4.2088	\$808.08

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required YES NO

Change Nbr: 1

Change Date: 9/20/12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17959

Purchase Order Date 9/20/12

PO Print Date 9/20/12

Page Number 2 of 2

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Requisition Nbr	
Vendor Fax	905 738 9033	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

Special Inst: MATERIAL: 2024-T3 ALUMINUM SHEET
QQ-A-250/4 OR AMS-QQ-A-250/4 OR
AMS 4037
OR ASTM B209

4	M2024T3S.080	2024-T3 .080 sheet	10/03/12	192.00	Yours ppd	\$6.8125	\$1,308.00
			Yes	sf			

Special Inst: MATERIAL: 2024-T3 ALUMINUM SHEET
QQ-A-250/4 OR AMS-QQ-A-250/4 OR
AMS 4037
OR ASTM B209

PO Total: \$4,589.88

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

Change Nbr: 1

Change Date: 9/20/12

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required - YES NO

B I L L O F L A D I N G

Ship From: THYSSENKRUPP MATERIAUX NA
4700 BOIS FRANC
ST. LAURENT, QC H4S 1A7
Tel: 514-337-0161 Fax: 514-745-2968

No: VIM 382813
Ship Date 26Sep12 at 10:32 From VFW
Probill
Via O/T
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

act. Chantal / Linda

B I L L O F L A D I N G

1) Our Order PEC-491969- 1 Your PO # 17959
STAINLESS STEEL SHEET 304-2B
.0480 Nom X 48.0000" X 96.0000"

	Heat Number	Tag No	Quantity	PCS	Net Wt	Gr	LBS
1 CRATE R132	0502414	60335	320.00 SFT	10	641		733
			TOTAL:	1	10	641	733

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

***UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.***

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

*** POUR VOS BESOINS D'ACIER INOXYDABLE,

CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

*** FOR ALL YOUR STAINLESS STEEL NEEDS, CALL US.

*** WE HAVE IT! *** TEL. 800-926-2600 ***

Page: 1 ... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

THYSSENKRUPP MATERIALS NA


DART AEROSPACE

STAINLESS STEEL SHEET 304-2B
 .0480 Nom X 48.0000" X 96.0000"
 PART NO.

PO/Rel 17959

Nous certifions que le document reproduit ici est
 une copie conforme du rapport fourni par le
 producteur du materiel ou les donnees resultant de

Certificate of Mill Test Results

L'analyse faite par un laboratoire qualifié.
 SIGNED PAR: 

ITEM 382813-001

25Sep12
 Pg 1/1

A company
 of ThyssenKrupp
 Stainless

ThyssenKrupp Mexinox



TEST REPORT (CERTIFICADO)

CUSTOMER (CLIENTE)

MEXINOX USA

MILL ORDER No. No. DE PEDIDO	6721 - 1	PACKAGE (EMPAQUE) No. 8099811 00
CUSTOMER PURCHASE ORDER No.		DATE (FECHA) JUN-11-11
CODE PART NUMBER		REPORT (CERTIFICADO) No. FRS818

PRODUCT IDENTIFICATION IDENTIFICACION DEL PRODUCTO

ITEM No.	COR. No. No. DE ROLLO	PIECES PIEZAS	HEAT COLADA No.	TYPE AND FINISH TIPO Y ACABADO	DIMENSIONS DIMENSIONES	GROSS WT. PESO BRUTO	NET WT. PESO NETO
1	201525 008A	1	0902414	304 / 2B UNS S30400	48.00 X COIL X 0430 1219.20 X ROLLO X 1.220	18,010 7,262	15,931 7,226

CHEMICAL COMPOSITION COMPOSICION QUIMICA (%)

OTHER ELEMENTS (OTROS ELEMENTOS)

ITEM	C	Cr	Mn	N	NI	P	S	SI								
1	.0460	18.1000	1.2700	.0530	8.0400	.0250	.0010	.3300								

MECHANICAL PROPERTIES PROPIEDADES MECANICAS

ITEM No.	TEST No. No. MUESTRA	D	TENSILE S. R. TENSION	YIELD S. R. RESISTENCIA	ELONGATION ALARGAMIENTO	HARDNESS DUREZA HRB
1	A899881 A899889	L	80694 psi 548 MPa	45306 psi 313 MPa	51.6	(HEAD / TAIL) 62.0 / 65.0

THIS MATERIAL IS DPARS 225.872-1 CLAUSE COMPLIANT. HEAT SOURCE: ITALY
 TEST OF INTERGRANULAR CORROSION / PRUEBA DE CORROSION INTERGRANULAR : OK
 THIS MATERIAL COMPLIES WITH CHEMICAL COMPOSITION ACCORDING TO ASTM A 240/A 240M-11a STD. NOW, AND IT COMPLIES ALSO WITH
 THE MECHANICAL AND CHEMICAL PROPERTIES ESTABLISHED IN THE FOLLOWING SPEC. :
 MECHAN. PROP. ASTM A666-03 ASME SA240-07, QQ-S-3559-D, MIL-S-3559-D,
 AMS 55115.

THIS MATERIAL IS FREE OF MERCURY CONTAMINATION



We hereby certify that in recognition of the terms and conditions set forth in
 the EU RoHS Directive - 2002/95/EC, we can insure that all of our products and
 processes fully comply with it.

HECHO EN MEXICO / MADE IN MEXICO

ELABORATED BY
 Carlos Belderes Saenz

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